

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	205	(60/909).CQLS.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/07 10:44
L2	499	(60/247-249).CQLS.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/07 10:44
L3	240	(60/39.38-39.4).CQLS.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/07 10:44
L4	765	(60/39.76-39.81).CQLS.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/07 10:44
L5	496	(60/770).CQLS.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/07 10:44
L6	544	(239/265.19).CQLS.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/07 10:44
L7	2345	L1 L2 L3 L4 L5 L6	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:44
L8	73	L7 and plastic	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:44
L9	281	L7 and (PDE or "pulse detonation" or "pulse jet")	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:45

L10	6	L9 and plastic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:45
L11	3	L9 and vespel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:45
L12	0	L9 and (polytetrafluoroethylene or ptfe)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:45
L13	0	L9 and polyimide	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:45
L14	0	L9 and bismaleimide	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:45
L15	0	L9 and carbon-carbon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:45
L16	13	L9 and composite	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:45
L17	4	L9 and "light metal"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:45
L18	90	(L1 L2 L3 L4 L5 L6) and @pd> = "20090422"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:46
L19	3	L18 and plastic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:46

L20	27	L18 and (PDE or "pulse detonation" or "pulse jet")	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:47
L21	1	L20 and plastic	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:47
L22	0	L20 and vespel	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:47
L23	0	L20 and (polytetrafluoroethylene or ptfe)	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:47
L24	0	L20 and polyimide	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:48
L25	0	L20 and bismaleimide	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:48
L26	0	L20 and carbon-carbon	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:48
L27	0	L20 and "light metal"	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 10:48
S1	454	(60/204).CCLS.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/26 11:34
S2	28	(60/39.64).CCLS.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/26 11:31

S3	4570	pde	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 11:35
S4	2	pdwe	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 11:35
S5	106	"pulse detonation engine"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 11:44
S6	33	"pulsed detonation engine"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 11:36
S7	7	"pulsed detonation wave engine"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 11:36
S8	4	"pulse detonation wave engine"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 11:36
S9	125	S5 S6 S7 S8	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 11:44
S10	0	S9 and "composit"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 11:45
S11	11	S9 and "composite"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 11:46
S12	1736	"low thermal stability"	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 08:53

S13	1	pde and S12	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 08:54
S14	205	(60/909).CCLS.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 09:14
S15	474	(60/247-249).CCLS.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 09:15
S16	226	(60/39.38-39.4).CCLS.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 09:16
S17	752	(60/39.76-39.81).CCLS.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 09:16
S18	447	(60/770).CCLS.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 09:17
S19	524	(239/265.19).CCLS.	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 09:17
S20	2255	S14 S15 S16 S17 S18 S19	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 09:25
S21	70	S20 and plastic	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 09:25
S22	254	S20 and (PDE or "pulse detonation" or "pulse jet")	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 09:32

S23	5	S22 and plastic	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 09:32
S24	3	S22 and vespel	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 09:37
S25	0	S22 and (polytetrafluoroethylene or ptfe)	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 09:38
S26	0	S22 and polyimide	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 09:38
S27	0	S22 and bismaleimide	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 09:38
S28	0	S22 and carbon-carbon	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 09:38
S29	13	S22 and composite	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 09:38
S30	4	S22 and "light metal"	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 09:47
S31	49	"5513489"	US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 08:12
S32	2	"20030200753"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 08:19

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L28	0	((PDE or "pulse detonation" or "pulse jet") and (low with thermal with stability)).dm.	USPAT; UPAD	OR	ON	2010/04/07 11:10
L29	79	((PDE or "pulse detonation" or "pulse jet") and ((low with thermal with stability) or (light or vespel or polyimide or bismaleimide or carbon or plastic))).dm.	USPAT; UPAD	OR	ON	2010/04/07 11:15
L30	19	((PDE or "pulse detonation" or "pulse jet") and ((low with thermal with stability) or (light or vespel or polyimide or bismaleimide or carbon-carbon or plastic))).dm.	USPAT; UPAD	OR	ON	2010/04/07 11:17

4/ 7/ 2010 11:23:29 AM

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